

# Fractions



## Let's remember:

1. Write  $\frac{19}{4}$  as a mixed number.

2.  $3 \times 5,000 =$

3. What is the first common multiple of 6 and 4?

4. 29 people voted for either red or blue as their favourite colour.

15 people voted for red.

How many people voted for blue?

Tag us online:

**#numberday**

## Let's practise:

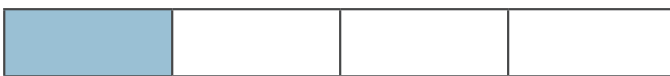
1. a) What fraction of each bar model is shaded?



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a) What fraction of each bar model is shaded?

$\frac{1}{4} \bigcirc \frac{1}{5}$

$\frac{1}{3} \bigcirc \frac{1}{10}$

$\frac{1}{5} \bigcirc \frac{1}{3}$

$\frac{1}{4} \bigcirc \frac{1}{3}$

$\frac{1}{10} \bigcirc \frac{1}{5}$

$\frac{2}{5} \bigcirc \frac{2}{3}$

# Fractions



2. Tiny is comparing a pair of fractions.

Draw a diagram to show Tiny that  $\frac{1}{4}$  is greater than  $\frac{1}{6}$

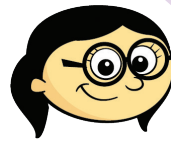
$\frac{1}{4}$  is less than  $\frac{1}{6}$   
because 4 is  
less than 6



3. Write these fractions in descending order.

$\frac{2}{10}$	$\frac{1}{3}$	$\frac{2}{5}$	$\frac{2}{3}$

Remember,  
**descending** means  
going down.



4. Tick the greater fraction in each set.

a)  $\frac{1}{286}$   $\frac{1}{500}$       b)  $\frac{305}{410}$   $\frac{399}{410}$

5. Write  $<$ ,  $>$  or  $=$  in the circles to compare the fractions.

a)  $\frac{5}{2}$  ○  $\frac{7}{2}$       b)  $\frac{20}{9}$  ○  $\frac{10}{4}$       c)  $\frac{200}{150}$  ○  $\frac{100}{75}$       d)  $\frac{73}{73}$  ○  $\frac{74}{74}$

7. These fractions are in ascending order. Find the missing numbers.

$\frac{2}{5}$     $\frac{\quad}{5}$     $\frac{\quad}{4}$     $\frac{\quad}{3}$     $\frac{3}{2}$

### Crack the code

Use your answers in the coloured boxes to crack the code.

1	4	10	3	14	5	12
e	c	v	t	n	r	o

Can you explain  
to someone what the  
code word means?



# Fractions



## Think it out

These fractions are in descending order.

What could the numerators be?

<input style="width: 40px; height: 30px;" type="text"/>	<input style="width: 40px; height: 30px;" type="text"/>	<input style="width: 40px; height: 30px;" type="text"/>	<input style="width: 40px; height: 30px;" type="text"/>
<u>5</u>	<u>10</u>	<u>15</u>	<u>5</u>

Is there more than one possible answer? .....

Explain your thinking.

.....

.....

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## Real world maths

Cut or find 3 strips of paper of equal length.

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Fold strip one into halves.

Fold strip two into quarters.

Fold strip three into eights.

Now using shading to show that  $\frac{1}{2} < \frac{3}{4} < \frac{7}{8}$

Choose paper you can fold and shade easily.



How did you find these questions?

